

**CALIFORNIA ENERGY COMMISSION**

DIVISION OF FINANCIAL SERVICES

GRANTS &amp; LOANS

1516 NINTH STREET, MS-1

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**Addendum 2****May 5, 2010****PON-09-604****GRANT SOLICITATION APPLICATION PACKAGE****Alternative and Renewable Fuel and Vehicle Technology Program****Subject Area: Biofuel Production Plants**

The purpose of this addendum is to:

- 1) Correct references to PON-09-003 (Questions have not been rejected if they had the old addressing information.)
- 2) Update the Funding Information
- 3) Clarify the Eligible Projects section.

**1) On Page 16 Section 18. *Proposal Submission Requirements:***

California Energy Commission

Grants and Loans Office

Attn: ~~Biomethane Production~~ ~~PON-09-003~~ Biofuel Production Plants PON-09-604

1516 Ninth Street, MS-1

Sacramento, CA 95814

**On Page 17 Section 21. *Questions:***

California Energy Commission

Grants and Loans Office

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**2) On Page 4 Section 8. *Funding Information:***

The maximum funding available for this solicitation is \$14,912,000. However, the Commission reserves the right to increase this amount to ~~\$19 million~~ \$24,912,000.

**3) Starting on Page 3 Section 6. *Eligible Projects:***

- 1) Pre-development stages of biofuel production plants such as:

- Feasibility studies to evaluate technical, economic and environmental impact elements of potential biofuel production plants.
  - ~~Engineering and design studies.~~
  - Performance tests, material assessments and other technical studies to verify product or equipment operating characteristics, equipment integrity, market applications, and compliance with regulations, standards and/or protocols.
  - Biofuel production and conversion methods or bench-scale tests to refine or improve processes.
  - Field tests and performance tests to evaluate conversion technologies, plant varieties, water use, fuel and dollar yield per acre, energy use, soil types, feedstocks grown on marginal agricultural land, and costs of biofuel production from a variety of feedstocks for vehicle uses, including, but not limited to:
    - Orchard prunings, nut shells, fruit pits, rice straw and other agricultural wastes.
    - Woody biomass, forest thinning, mill wastes and wood residue slash piles.
    - Purpose grown crops such as sugar cane, sweet sorghum and energy cane.
    - Brown and yellow grease from restaurants, food processing plants and other waste sources.
    - Urban wastes from post recycled organic waste materials
    - Renewable and synthetic oil extraction from algae, oil seeds and other waste and purpose grown feedstocks.
    - Cellulosic ethanol production using enzyme conversion and other chemical and biological processes.
- 2) Pilot plants to demonstrate biofuel production plant proof of concept, verify fuel attributes and characteristics, and accelerate technology advances to enhance the development of commercial production plants.
- 3) ~~Non-revenue-producing start-up steps to initiate fuel production operations.~~